

Recombinant Human MAOA, GST-tagged

Cat. No. MAOA-729H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human MAOA protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	242-527AA
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	MAOA monoamine oxidase A [Homo sapiens]
Official Symbol	MAOA
Synonyms	MAOA; monoamine oxidase A; amine oxidase [flavin-containing] A; MAO-A; monoamine oxidase type A;
Gene ID	4128

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mRNA Refseq	NM_000240
Protein Refseq	NP_000231
UniProt ID	P21397
Chromosome Location	Xp11.4-p11.3
Pathway	Amine Oxidase reactions, organism-specific biosystem; Amphetamine addiction, organism-specific biosystem; Amphetamine addiction, conserved biosystem; Arginine and proline metabolism, organism-specific biosystem; Arginine and proline metabolism, conserved biosystem; Biogenic Amine Synthesis, organism-specific biosystem; Biological oxidations, organism-specific biosystem;
Function	flavin adenine dinucleotide binding; oxidoreductase activity; primary amine oxidase activity; serotonin binding;

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